Figure 1

ATGTCCTTGTGGCTGGGGGCCCCTGTGCCTGACATTCCTCCTGACTCTGCGGTGGA

GCTGTGGAAGCCAGGCGCACAGGATGCAAGCAGCCAGGCCCAGGGAGGCAGCAG

CTGCATCCTCAGAGAGGAAGCCAGGATGCCCCACTCTGCTGGGGGTACTGCAGGG

GTGGGGCTGGAGGCTGCAGAGCCCACAGCCCTGCTCACCAGGGCAGAGCCCCCTT

CAGAACCCACAGAGATCCGTCCACAAAAGCGGAAAAAGGGGCCAGCCCCCAAAAT

GCTGGGGAACGAGCTATGCAGCGTGTGTGGGGACAAGGCCTCGGGCTTCCACTAC

AATGTTCTGAGCTGCGAGGGCTGCAAGGGATTCTTCCGCCGCAGCGTCATCAAGGG

AGCGCACTACATCTGCCACAGTGGCGGCCACTGCCCCATGGACACCTACATGCGTC

GCAAGTGCCAGGAGTGTCGGCTTCGCAAATGCCGTCAGGCTGGCATGCGGGAGGA

GTGTGTCCTGTCAGAAGAACAGATCCGCCTGAAGAAACTGAAGCGGCAAGAGGAG

GAACAGGCTCATGCCACATCCTTGCCCCCCAGGCGTTCCTCACCCCCCCAAATCCT

GCCCCAGCTCAGCCCGGAACAACTGGGCATGATCGAGAAGCTCGTCGCTGCCCAG

CAACAGTGTAACCGGCGCTCCTTTTCTGACCGGCTTCGAGTCACGCCTTGGCCCAT

GGCACCAGATCCCCATAGCCGGGAGGCCCGTCAGCAGCGCTTTGCCCACTTCACTG

AGCTGGCCATCGTCTCTGTGCAGGAGATAGTTGACTTTGCTAAACAGCTACCCGGC

TTCCTGCAGCTCAGCCGGGAGGACCAGATTGCCCTGCTGAAGACCTCTGCGATCGA

GGTGATGCTTCTGGAGACATCTCGGAGGTACAACCCTGGGAGTGAGAGTATCACCT

TCCTCAAGGATTTCAGTTATAACCGGGAAGACTTTGCCAAAGCAGGGCTGCAAGTG

GAATTCATCAACCCCATCTTCGAGTTCTCCAGGGCCATGAATGAGCTGCAACTCAA

TGATGCCGAGTTTGCCTTGCTCATTGCTATCAGCATCTTCTCTGCAGACCGGCCCAA

CGTGCAGGACCAGCTCCAGGTGGAGAGGCTGCAGCACACATATGTGGAAGCCCTG

CATGCCTACGTCTCCATCCACCATCCCCATGACCGACTGATGTTCCCACGGATGCT

AATGAAACTGGTGAGCCTCCGGACCCTGAGCAGCGTCCACTCAGAGCAAGTGTTTG

CACTGCGTCTGCAGGACAAAAAGCTCCCACCGCTGCTCTCTGAGATCTGGGATGTG

CACGAATGA

Figure 2

MSLWLGAPVPDIPPDSAVELWKPGAQDASSQAQGGSSCILREEARMPHSAGGTAGVG

5 LEAAEPTALLTRAEPPSEPTEIRPQKRKKGPAPKMLGNELCSVCGDKASGFHYNVLSCE

GCKGFFRRSVIKGAHYICHSGGHCPMDTYMRRKCQECRLRKCRQAGMREECVLSEEQ

IRLKKLKRQEEEQAHATSLPPRRSSPPQILPQLSPEQLGMIEKLVAAQQQCNRRSFSDRL

RVTPWPMAPDPHSREARQQRFAHFTELAIVSVQEIVDFAKQLPGFLQLSREDQIALLKT

SAIEVMLLETSRRYNPGSESITFLKDFSYNREDFAKAGLQVEFINPIFEFSRAMNELQLN

10 DAEFALLIAISIFSADRPNVQDQLQVERLQHTYVEALHAYVSIHHPHDRLMFPRMLMK

LVSLRTLSSV HSEQVFALRLQDKKLPPLLSEIWDVHE

Figure 3

ATGTCCTCTCCTACCACGAGTTCCCTGGATACCCCCCTGCCTGGAAATGGCCCCCCT

CAGCCTGGCGCCCCTTCTTCTTCACCCACTGTAAAGGAGGAGGGTCCGGAGCCGTG

GCCCGGGGGTCCGGACCCTGATGTCCCAGGCACTGATGAGGCCAGCTCAGCCTGC

5 AGCACAGACTGGGTCATCCCAGATCCCGAAGAGGAACCAGAGCGCAAGCGAAAG

AAGGGCCCAGCCCCGAAGATGCTGGGCCACGAGCTTTGCCGTGTCTGTGGGGACA

AGGCCTCCGGCTTCCACTACAACGTGCTCAGCTGCGAAGGCTGCAAGGGCTTCTTC

CGGCGCAGTGTGGTCCGTGGTGGGGCCAGGCGCTATGCCTGCCGGGGTGGCGGAA

CCTGCCAGATGGACGCTTTCATGCGGCGCAAGTGCCAGCAGTGCCGGCTGCGCAA

10 GTGCAAGGAGGCAGGGATGAGGGAGCAGTGCGTCCTTTCTGAAGAACAGATCCGG

AAGAAGAAGATTCGGAAACAGCAGCAGGAGTCACAGTCACAGTCGCAGTCACCTG

TGGGGCCGCAGGGCAGCAGCAGCTCAGCCTCTGGGCCTGGGGCTTCCCCTGGTGG

ATCTGAGGCAGGCAGCCAGGGCTCCGGGGAAGGCGAGGGTGTCCAGCTAACAGCG

GCTCAAGAACTAATGATCCAGCAGTTGGTGGCGGCCCAACTGCAGTGCAACAAAC

15 GCTCCTTCTCCGACCAGCCCAAAGTCACGCCCTGGCCCCTGGGCGCAGACCCCCAG

TCCCGAGATGCCCGCCAGCAACGCTTTGCCCACTTCACGGAGCTGGCCATCATCTC

AGTCCAGGAGATCGTGGACTTCGCTAAGCAAGTGCCTGGTTTCCTGCAGCTGGGCC

GGGAGGACCAGATCGCCCTCCTGAAGGCATCCACTATCGAGATCATGCTGCTAGA

GACAGCCAGGCGCTACAACCACGAGACAGAGTGTATCACCTTCTTGAAGGACTTC

20 ACCTACAGCAAGGACGACTTCCACCGTGCAGGCCTGCAGGTGGAGTTCATCAACCC

CATCTTCGAGTTCTCGCGGGCCATGCGGCGGCTGGGCCTGGACGACGCTGAGTACG

CCCTGCTCATCGCCATCAACATCTTCTCGGCCGACCGGCCCAACGTGCAGGAGCCG

GGCCGCGTGGAGGCGTTGCAGCAGCCCTACGTGGAGGCGCTGCTGTCCTACACGC

GCATCAAGAGGCCGCAGGACCAGCTGCGCTTCCCGCGCATGCTCATGAAGCTGGT

25 GAGCCTGCGCACGCTGAGCTCTGTGCACTCGGAGCAGGTCTTCGCCTTGCGGCTCC

AGGACAAGAAGCTGCCGCCTCTGCTGTCGGAGATCTGGGACGTCCACGAGTGA

Figure 4

MSSPTTSSLDTPLPGNGPPQPGAPSSSPTVKEEGPEPWPGGPDPDVPGTDEASSACSTD
WVIPDPEEEPERKRKKGPAPKMLGHELCRVCGDKASGFHYNVLSCEGCKGFFRRSVV
5   RGGARRYACRGGGTCQMDAFMRRKCQQCRLRKCKEAGMREQCVLSEEQIRKKKIRK
QQQESQSQSQSPVGPQGSSSSASGPGASPGGSEAGSQGSGEGEGVQLTAAQELMIQQL
VAAQLQCNKRSFSDQPKVTPWPLGADPQSRDARQQRFAHFTELAIISVQEIVDFAKQV
PGFLQLGREDQIALLKASTIEIMLLETARRYNHETECITFLKDFTYSKDDFHRAGLQVEF
INPIFEFSRAMRRLGLDDAEYALLIAINIFSADRPNVQEPGRVEALQQPYVEALLSYTRI
10   KRPQDQLRFPRMLMKLVSLRTLSSVHSEQVFALRLQDKKLPPLLSEIWDVHE